

IN THE CLAIMS:

Please cancel claims 26, 27, 31 and 35-41 without prejudice or disclaimer.

Applicants reserve the right to pursue unclaimed subject matter in related continuing or divisional applications.

1-41. (Canceled)

Please add the following new claims:

42. (New) A seed oil characterized by its hydroxy fatty acid content, said oil being obtained by the hydroxylation of a non-hydroxy fatty acid in a plant species which has been modified to include a nucleic acid sequence coding for a kappa hydroxylase, said seed oil being distinguishable by its hydroxy acid content from the seed oil obtained from the same plant species which has not been modified to include said nucleic acid sequence.

43. (New) A seed oil characterized by its ricinoleic acid content, said oil obtained by hydroxylation in a plant species which has been modified to include a nucleic acid sequence coding for a kappa hydroxylase, said seed oil being distinguishable by its ricinoleic acid content from the seed oil obtained from the same plant species which has not been modified to include said nucleic acid sequence.

44. (New) A first seed oil comprising a hydroxy fatty acid, said first seed oil produced by a first plant containing an introduced nucleic acid sequence coding for a kappa hydroxylase, said hydroxy fatty acid being selected from the group consisting of ricinoleic, densipolic, lesquerolic and auricollic; and wherein a second plant of the same plant species which does not contain the introduced nucleic acid produces a second seed oil lacking the hydroxy fatty acid.

45. (New) The seed oil of claim 42 or 43, wherein the plant species is selected from the group consisting of *Brassica napus*, *Arabidopsis thaliana*, *Glycine max* and *Lesquerella fendleri*.

46. (New) The first seed oil of claim 44, wherein the plant species is selected from the group consisting of *Brassica napus*, *Arabidopsis thaliana*, *Glycine max* and *Lesquerella fendleri*.